

May , 1984

\$1⁰⁰
price

SINCLAIR USERS GROUP

THE NEWSLETTER OF THE

Victoria Sync Association

THE APOSTLE SYNC



the
CRUCIFIXION
TIMEX
the
Q & A
has
risen
and
comming

THE PRESIDENT'S MESSAGE

I'LL BET YOU THOUGHT THIS WOULD BE IN SUPER 2068 PRINT. WELL, I ONLY HAVE A WORD PROCESSING PROGRAM FOR THE ZX81, AND WITH THE NEW FIFTY KEYBOARD IN PLACE I CAN TYPE ALONG ALMOST AS QUICKLY AS ON THE FULL SIZED KEYBOARD.

AT THE LAST MEETING WE BROUGHT UP THE IDEA OF GETTING INVOLVED WITH SOME OF THE OTHER COMPUTER GROUPS, IN ORDER TO BROADEN OUR BASE A LITTLE AND ENSURE THE LONGEVITY OF THE CLUB. THE FEAR HAS BEEN EXPRESSED THAT WITH SOME OF OUR MEMBERS NOW MOVING ON TO OTHER MACHINES, THERE WOULDN'T BE THE INTEREST IN THE TS/ZX TO KEEP THE CLUB GOING.

AFTER A BIT OF DISCUSSION WITH SOME OF THE MEMBERS, AND AFTER A FEW PHONE CALLS, THE FOLLOWING CONCLUSIONS CAN BE REACHED.

TO ADD MORE MEMBERS TO OUR CLUB IN ANY QUANTITY WOULD NECESSITATE RELOCATION TO BIGGER PREMISES. THE SUPPORT WE'VE HAD FROM B.G.S. AND ALLISON HAVE BEEN SECOND TO NONE. NOT ONLY HAVE WE HAD ACCESS TO FOOD WHEN WE NEEDED STRENGTH, BUT THE COFFEE AND THE RENT ARE THE CHEAPEST IN TOWN. (FREE)

DONNA ENGLAND DID SOME PHONING AROUND FOR US AND FOUND PLACES FOR SPACE VARYING FROM \$3.00 TO \$30.00. THE ADVANTAGES OF MOVING AT THIS POINT MAY BE OUTWEIGHED BY EXTRA COSTS.

THE NEXT THING I FOUND WAS THAT MOST OF THE OTHER CLUBS IN TOWN ARE NOWHERE AS ACTIVE, OR ORGANIZED AS OURS. RIGHT NOW WE HAVE A HARD ENOUGH JOB FINDING THE TIME TO DO THE LITTLE PROJECTS FOR OUR OWN CLUB, THAT EXTRA COMMITMENTS TO FIT IN OTHER GROUPS COULD BE TOO MUCH.

HAVING THE OCCASIONAL JOINT MEETING OR PROJECTS WITH OTHER GROUPS, AS WELL AS WELCOMING THEIR MEMBERS AS GUESTS, WOULD BE A VIABLE WAY OF KEEPING THE LINES OF COMMUNICATION OPEN.

OUR CLUB IS STILL GROWING. WE HAVE MANY NEW MEMBERS, AND HOPE TO GET MORE, THAT CAN USE THE EXPERTISE AND FELLOWSHIP THE REST OF US HAVE HAD OVER THE LAST YEAR. IN ADDITION TO OUR SUCCESSFUL NEWSLETTER, THE SEMINARS THAT WERE HELD; WE CAN LOOK FORWARD TO SOME EXCITING AND CONSTRUCTIVE PROJECTS USING THE LITTLE BLACK BOXES THAT CLIVE BUILT.

ANYWAY, NUFF SAID AS THIS WILL BE BROUGHT UP AT THE NEXT MEETING. AT THIS POINT I SHOULD PLUG THE NEWSLETTER- WE NEED MATERIAL- IF YOU SPOT ARTICLES OF INTEREST TO THE MEMBERS OR EVEN WRITE THEM YOURSELF; GET THEM TO US. THIS NEWSLETTER IS ONLY AS GOOD AS YOU WANT IT TO BE AND AS YOU MAKE IT.

PLEASE SUPPORT THE ADVERTISERS-

NOTICE OF NEXT MEETING Thurs. May 10, 1984, at Bee-Gee's 7:P.M.

OUT OF OUR LAST MEETING - Sec's Report, April 12, 1984

Viva Sync, Viva Dave the III....

President Curry called us to sync by 7:58 P.M. Previous to the meeting, much of the attention was on the lines of the Timex 2068 or those of Amanda, who was introduced as Richard Thornton's sister.

Director stepped up to V.P. Stu Montgomery and new member Gerry Christie adopted the minutes of the Feb. 9th meeting as published in the March newsletter as well as the unreport of our March 8th unmeeting. My treasurer's report and the correspondence reports were both incomplete and unadopted by 8:16

Dave Curry led the director's report. The topic was about other computers in our club. -----"Should we accept the Timex 2068 or the Sinclair QL or the Color Computer, fruits et cetera as our club's object of attention or remain only Sinclair ZX80-MicroAce users ? " As most of us have Timex 1000's, as well as several other makes and models, it's a timely topic and our executive will be negotiating for benefits with other groups as additional privileges of club membership.

For the May meeting, Beginner's Basic assignments: Roy Barnes will do PRINT; Pamela Verduyn will explain AND; Amanda Thornton will display her OR.

Dale had a correction for the MC-10 newsletter note. VP Stu and new member Greg Shergold gratefully adjourned us at 8:33, almost.

Dee.

 ** THE PIRATES **
 ** CORNER **
 ** BY D. CURRY **

THIS PAST MONTH HAS BEEN FILLED WITH MUCH GOINGS ON-- WHAT HAPPENED TO TIMEX? WHAT WILL HAPPEN WITH SINCLAIR? WHAT OF THE 2068? WELL, THESE QUESTIONS, AND MANY, MANY MORE WILL BE ANSWERED ON THIS VERY PAGE.

TIMEX HAS TAKEN ITS WATERPROOF WATCHES AND HAS SLUNK (SLINKED?) OFF INTO THE OBSCURITY OF CONSERVATIVE MERCHANDISING. SIR CLIVE, ON THE OTHER HAND, HAS ONCE AGAIN SET THE ELECTRONICS WORLD ALL A-TWITTER WITH HIS NEW QL. THIS COMPUTER, FOR ITS \$600-\$700 U.S. PRICE TAG, HAS FEATURES THAT EQUAL OR SURPASS THE WHOLE APPLE TREE.

THE NOW ORPHANED 2068 IS ALIVE AND WELL, WITH AN ESTIMATED 500,000 OF THEM ALREADY SOLD IN THE U.S. AND IT IS RUMORED THAT THE FACTORY WILL STILL PRODUCE THEM, TO BE MARKETED BY SOMEONE OTHER THAN TIMEX.

IT NOW REMAINS FOR THE SOFTWARE PRODUCERS TO SUPPORT THE MACHINE WITH SOME OF THEIR SUPER PROGRAMMES. IF WE GET ANYTHING LIKE THE SUPPORT THE SPECTRUM HAS, IT WILL BE SOMETHING ELSE. I HAPPEED ONTO ANOTHER ENGLISH MAGAZINE, CALLED -YOUR COMPUTER-. IT SUPPORTS THE COMMODORE, DRAGON, BBC, AS WELL AS THE SINCLAIR COMPUTERS. THE NUMBER OF PROGRAMS ADVERTISED BETWEEN ITS COVERS BOGGLE THE MIND. YOU COULD PLAY A DIFFERENT GAME EVERY DAY AND PROBABLY NEVER RUN OUT. THIS MAG ALSO LISTS MACHINE CODE PROGRAMS FOR THE VARIOUS MACHINES, SOMETHING I'VE SEEN VERY LITTLE OF IN OTHER MAGS. HOW ABOUT A PROGRAM SIMILAR TO THE RUBIC'S CUBE FOR YOUR ZX81? THE MACHINE CODE ADDRESSES FOR THE SPECTRUM ARE DIFFERENT

FROM THOSE ON THE 2068, BUT WITH A LITTLE SLEUTHING, THE CHANGES COULD BE MADE, AND PRESTO, SOME NIFTY PROGRAMS CAN BE HAD.

THE MAGAZINE HAS GOOD ARTICLES ON THE VARIOUS COMPUTERS, THEIR PERIPHERALS, AND THE SOFTWARE. THERE WAS AN ARTICLE ON HOW TO REPAIR THE ZX PRINTER IN THE MARCH ISSUE. TRY TO GET A COPY OF THIS ONE, IT'S A GOODIE.

FOR THOSE OF YOU WHO ARE TOTALLY FAMILIAR WITH THE OWNERS MANUAL BUT HAVEN'T THE BIRD BROTHERS GRASP OF MACHINE CODE, CHECK OUT -TS1000/ZX81 USER'S HANDBOOK- BY TERRELL AND SIMPSON. AT ABOUT \$10 IT'S A GOOD STEPPING STONE TO MORE SOPHISTICATED WORK ON THE COMPUTER. IT DISCUSSES BINARY NUMBERS, DECIMAL AND HEX, FLOW CHARTING, AND ALL THE OTHER MYSTERIOUS THINGS THAT MAKE THE WONDER BOX TICK.

BITS AND BYTES

FOR THOSE OF YOU WITH 2040 PRINTERS, THE PAPER FOR THE RADIO SHACK TP 10 PRINTER IS THE SAME STUFF, AND CHEAPER.

FOR THOSE OF YOU INTERESTED IN SOME MEMOTECH ADD ONS, MIKE GOODLIFFE AT THE SCHOOL OF COMPUTER KNOWLEDGE IN DUNCAN COULD BE PERSUADED TO PART WITH SOME OF HIS EXTRAS. HE HAS MEMOCALC, HSG, A 16K RAM PACK, AND MEMOTEXT. HE ALSO HAS A ZX PRINTER. THERE IS ALSO A 2068 AT THE SCHOOL ON CONSIGNMENT, PRICE \$199.95.

Programming Briefs

In this column, I hope to lure members into the pastime of programming. It will deal with WHY to as much as HOW. In the previous sentence, an adjustment was made to conventional syntax. If you see the grammatical adjustment, you may understand the WHY; if you see what's missing, you already know the HOW.

Programming people's understanding through text is much like programming machines through code. If you understand the language, you may exhibit art and style in the directions you lead a man or machine to interpret you.

I hope members will submit problems to be examined here, not in their whole, but where choices require thought.

Any language, Basic, machine, foul...

The implied mode is a useful type of code. It works by assuming there was something already in memory. Dee

LETTERS

DAVID J. GRANT
 5-310 SCOTT RD.
 COURTENAY, BC
 V9N 3R3
 APRIL 6, 1984

VICTORIA SYNC ASSOCIATION
 C/O MR. DEE SHOOLIGAN
 942 CLOVERDALE AVE.
 VICTORIA, BC
 V8X2T6

DEAR SIR,

I AM INTERESTED IN JOINING A USER CLUB INVOLVING TIMEX/SINCLAIR COMPUTERS, AND AM VERY HAPPY TO HEAR OF ONE ON VANCOUVER ISLAND.

COULD YOU PLEASE SEND ME ANY INFORMATION CONCERNING YOUR SYNC ASSOCIATION, AND ALSO AN APPLICATION FORM.

THANK YOU FOR YOUR CO-OPERATION, I WILL BE EAGERLY WAITING FOR YOUR REPLY IN THE MAIL.

YOURS TRULY,

DAVID J. GRANT

APPEAL FOR HELP from mr.Holden,Sarnia he writes:

I wonder if you could help me in finding a short machine language program that can be used via a USR routine in a basic program as a real timer, by using a PEEK statement...am working on a project to use the ZX on a sailboat and need timing program interferes with the accuracy.

WHAT EVER BECAME OF IMAGE COMPUTER PRODUCTS
 (615 ACADAMY DRIVE, NORTHBROOK, ILLINDIS)?

Did any one attend the \$10 SIDA event at Royal Oak Inn April 9th ?

Is the AppleIIc a clone of an improved iuit ? or a clone made legit ?

B.C.Tel drops Telidon and wants to tax micros. Don't phone your Beef to the CRTC LPRINT it by modem!

Bolens now carries computer mags but Sync and TS User are out of business.

Syntax has a listing for the Timex 2068 When run it loads ZX\TS programs in and there they might be edited and saved.

At the computer shows recently, BCSC displayed all of its unavailable public services.

The Cincinnati group's newsletter shows how to fix the 2068 Vu-Caic bug.

Has anyone seen Sarah ? A report by Jake .

While the U.S. government prohibits publicly the export of computers to the Soviet Union, it privately discourages the importation of superior technology such as Taiwan clones and British QIs.



SUBMITTED BY DOUG COUZENS

WANT TO HAVE YOUR TAPE RECORDER TURN OFF AUTOMATICALLY WHEN YOUR PROGRAM IS SAVED OR LOADED? AND TURN ON AUTOMATICALLY WHEN BEING SAVED?

ALL YOU NEED IS A BYTE BACK BB-1 OR EQUIVALENT CONTROL MODULE. YOU SIMPLY CONNECT THE LEADS PLUGGED INTO THE REMOTE CONTROL JACK OF THE TAPE RECORDER TO ONE OF THE PAIRS ON THE MODULE ASSOCIATED WITH THE "MAKE" CONTACT ON ONE OF THE EIGHT RELAYS.

POKE ADDRESS 16382 WITH THE BINARY EQUIVALENT OF THE RELAY NUMBER WHICH IS CONNECTED TO THE TAPE RECORDER. FOR INSTANCE I USE THE 8TH RELAY AND JUST BEFORE THE SAVE STEP IN THE PROGRAM I INSERT THE STEP "POKE 16382,128" TO TURN RELAY 8 ON AND START THE TAPE RECORDER. AFTER THE SAVE STEP, TO DE-ACTIVATE THE RELAY, AND HENCE TO STOP THE TAPE RECORDER, INSERT THE STEP "POKE 16382,0". IN PRACTICE I PUT THIS AT THE BEGINNING OF THE PROGRAM AND PUT IN A GOTO AFTER THE SAVE TO THIS STEP. WHY PUT THE STEP TO TURN OFF THE RECORDER AT THE BEGINNING OF THE PROGRAM? WHEN YOU WISH TO LOAD FIRST TYPE "10 POKE 16382,128" AND ENTER, AND THEN "20 LOAD "" AND ENTER. THEN RUN. THIS WILL START THE TAPE RECORDER AND YOUR PROGRAM WILL COMMENCE TO LOAD. UPON SUCCESSFULLY LOADING, THE "POKE 16382,128" STEP INCORPORATED AT THE BEGINNING OF THE PROGRAM WILL AUTOMATICALLY TURN OFF THE RECORDER. AS AN EXAMPLE OF A PROGRAM WITH THIS FEATURE INCORPORATED THIS PROGRAM ITSELF IS LISTED IN FULL



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5 REM "AUTOTAPE"
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STED IN FULL:"
70 REM TO EDITOR, LIST IN FULL

8999 STOP
9000 POKE 16382,128
9010 SAVE "AUTOTAPE"
9020 GOTO 7

```


The REGISTERED ADDRESS of the Victoria Sync Association is
942 Cloverdale Ave., Victoria, B.C., V8X 2T6.

Membership is \$10.00 per year, which includes subscription to the newsletter. Regular meetings are held on the second Thursday of each month.

***** THE JUNTA *****

President	David Curry	743-9260
Sec. Treas.	Dee Shoolingin	c/o Victoria Sync. Assn.
Director	Stu Montgomery	478-6350
Director	Bob Clark	384-7410
Director	Karen Petts	656-5879
Director	Julian Greenwood	383-2073

Committee Chairmen

Education	Tom Caron	385-2866
Displays	Alison Gunn	479-8618
Machine Code	Dale Bird	592-5058
Librarians	Dave Curry	743-9260 (Cobble Hill)
	David Skaalrud	656-5879 (Royal Oak)
Newsletter	Dee Shoolingin	388-5464 #107 (msg.)

WELCOME

VICTORIA SYNC ASSOCIATION - MEMBERSHIP APPLICATION

Please provide the following information :

Name, address, postal code, telephone number(s), optional age & gender and other info about yourself which you want us to know. We also want to know what equipment you have, your experience and special interests. Enclose your dues of \$10.00.

Send to Victoria Sync Association, 942 Cloverdale Ave., Victoria B.C., V8X 2T6, or present at meeting.

ADVERTISING RATES

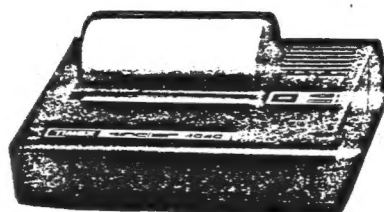
-Full page: \$40, Half: \$20, Sixths: \$10, Bus. card size: \$5
-2X line ads (32 spaces): \$0.40 or 3/\$1.00
One dollar minimum, except members, who also get \$1 discount per classification. Bona-fide job ads are free to members or non-members on a first come/ space available basis. (computer help-wanted ads may get preference)
All ads must be accompanied by payment (Cheques payable to the Victoria Sync Assn.) and submitted camera-ready (2X print-out or typed) two weeks or more before the second Thursday of each month.
When possible, ads will be CLASSIFIED as Work Wanted, Help Wanted, Trade/Swap, Wanted to Buy, For Sale, Play, etc.

AD AUDIO ELECTRONICS AND CONTRACTING

wordstar custom installed LETTERHEADS FANCY fonts outrageous/negotiable—service, repairs, R&D, inventions, consulting
Mr Dee Shoolingin prop. pager 388-5464 #107 have skills will troubleshoot

TIMEX Sinclair 2068

SPECIAL LIMITED OFFER

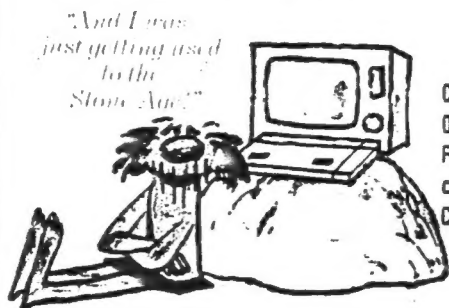


Timex 2068 Computer System
Canadian suggested Retail \$325.00
MEMBERS SPECIAL.....\$195.00
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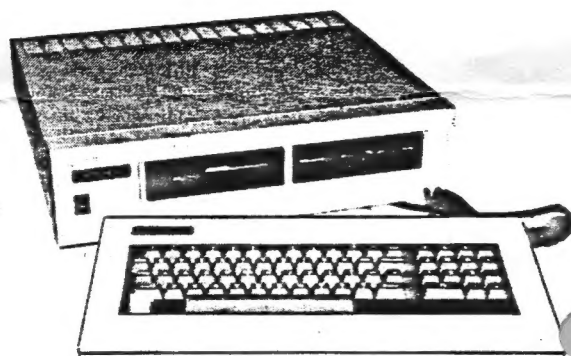
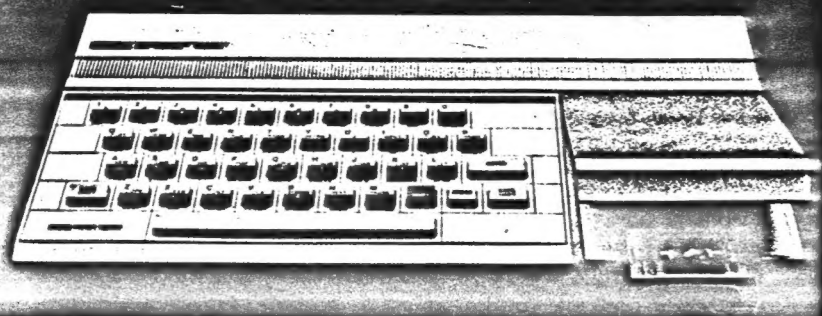
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save \$ 45.00

(non-members add 20%)

Conditions of Sale: 50% Deposit,
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c/o Dee Shoolingin,
942 Cloverdale Avenue
Victoria, B.C. V8X 2T6



72K. CLOR. SOUND. UNDER \$200.



* OUR STAR COMPUTER PRODUCTS *

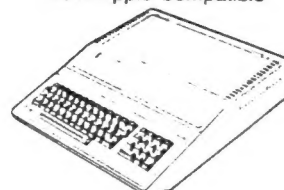
100% CP/M (BUSINESS) SOFTWARE AND AS WELL APPLE II, II+, IIe (GAMES) COMPATIBLE: CP/M 3.x, 2.x; DOS 3.3, 3.2 PASCAL 1.1; DIVERSI-DOS; PIRATE DOS

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Mr. Dee Shoolingin at AD AUDIO

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ROD GOWEN
RMG ENTERPRISES
1419 1/2 7TH ST.
OREGON CITY, OREGON
97045

FIRST CLASS POST

OUR KP. DAVE CURRY IS NOW MOVED UP TO PRES. OF OUR
GROUP AND SENDS HIS THANKS FOR YOUR TIME WHILE HE
WAS PASSING THROUGH.

I AM INTERESTED IN SOME STATISTICS TO EVALUATE
THE BUYING LIFE AS A MEAN (AVERAGE) BUYING LIFE OF A
SINCLAIR/INDEX USER IN THAT MARKET PLACE BEFORE ADVANCING
TO A COST-LIEN MARKET OR DROPPING OUT, I AM WOODING
TO FIND SOME PATTERNS. I WILL APPRECIATE ANY DATA YOU CAN SHARE.

Mrs. Dee Lowley - Sec. Treas



Christmas
Noel
Canada 32

